

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/527,950

Source: PCT

Date Processed by STIC: 3-25-05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,950

TIME: 09:06:43

Input Set : A:\28261000003seq1st.txt

Output Set: N:\CRF4\03252005\J527950.raw

```

4 <110> APPLICANT: Helicon Therapeutics, Inc.
5      Tully, Timothy P.
6      Scott, Roderick E.M.
7      Bourtchouladze, Rusiko
9 <120> TITLE OF INVENTION: SCREENING METHODS FOR COGNITIVE
10     ENHANCERS
12 <130> FILE REFERENCE: 2826.1000-003
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/527,950
C--> 15 <141> CURRENT FILING DATE: 2005-03-15
17 <150> PRIOR APPLICATION NUMBER: US 60/404,620
18 <151> PRIOR FILING DATE: 2002-08-19
20 <150> PRIOR APPLICATION NUMBER: US 60/406,405
21 <151> PRIOR FILING DATE: 2002-08-26
23 <160> NUMBER OF SEQ ID NOS: 48
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 18
29 <212> TYPE: DNA
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: LNA oligonucleotide
35 <400> SEQUENCE: 1
36 cctccgcccgc gtcactca                                18
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 18
40 <212> TYPE: DNA
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: LNA oligonucleotide
46 <400> SEQUENCE: 2
47 ccacgtaaca caccgcgt                                  18
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 20
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: LNA oligonucleotide
57 <400> SEQUENCE: 3
58 tggtcattta gttaccggtg                                20
60 <210> SEQ ID NO: 4
61 <211> LENGTH: 18
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,950

TIME: 09:06:43

Input Set : A:\28261000003seq1st.txt

Output Set: N:\CRF4\03252005\J527950.raw

65 <220> FEATURE:
66 <223> OTHER INFORMATION: LNA oligonucleotide
68 <400> SEQUENCE: 4
69 gctggttgtc tgcaccag 18
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 18
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: LNA oligonucleotide
79 <400> SEQUENCE: 5
80 ttttcagctt ctgttaca 18
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 18
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: LNA oligonucleotide
90 <400> SEQUENCE: 6
91 ctgggcttga actgtcat 18
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 18
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: LNA oligonucleotide
101 <400> SEQUENCE: 7
102 gctaattgtg caatctgt 18
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 18
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: LNA oligonucleotide
112 <400> SEQUENCE: 8
113 tgctggcatg gataacctg 18
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 18
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: LNA oligonucleotide
123 <400> SEQUENCE: 9
124 gcagatgatg ttgcatga 18
126 <210> SEQ ID NO: 10
127 <211> LENGTH: 18
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,950

TIME: 09:06:43

Input Set : A:\28261000003seq1st.txt

Output Set: N:\CRF4\03252005\J527950.raw

```

132 <223> OTHER INFORMATION: LNA oligonucleotide
134 <400> SEQUENCE: 10
135 tgtctgccca ttgggcag 18
137 <210> SEQ ID NO: 11
138 <211> LENGTH: 19
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: LNA oligonucleotide
145 <400> SEQUENCE: 11
146 gggccgcctg gataacgcc 19
148 <210> SEQ ID NO: 12
149 <211> LENGTH: 18
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: LNA oligonucleotide
156 <400> SEQUENCE: 12
157 ttcactttct gcaatagt 18
159 <210> SEQ ID NO: 13
160 <211> LENGTH: 18
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: LNA oligonucleotide
167 <400> SEQUENCE: 13
168 tccacagact cctgtgaa 18
170 <210> SEQ ID NO: 14
171 <211> LENGTH: 18
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: LNA oligonucleotide
178 <400> SEQUENCE: 14
179 aaaggatttc ccttcgtt 18
181 <210> SEQ ID NO: 15
182 <211> LENGTH: 18
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: LNA oligonucleotide
189 <400> SEQUENCE: 15
190 cagaagataa gtcattca 18
192 <210> SEQ ID NO: 16
193 <211> LENGTH: 17
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: LNA oligonucleotide

```

RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,950

TIME: 09:06:43

Input Set : A:\28261000003seq1st.txt

Output Set: N:\CRF4\03252005\J527950.raw

```

200 <400> SEQUENCE: 16
201 ttctcaatcc ttggcac 17
203 <210> SEQ ID NO: 17
204 <211> LENGTH: 18
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: LNA oligonucleotide
211 <400> SEQUENCE: 17
212 tggcactggt acagtgg 18
214 <210> SEQ ID NO: 18
215 <211> LENGTH: 18
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: LNA oligonucleotide
222 <400> SEQUENCE: 18
223 ctgcccactg ctagtttg 18
225 <210> SEQ ID NO: 19
226 <211> LENGTH: 18
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: LNA oligonucleotide
233 <400> SEQUENCE: 19
234 gctcctccgt cactgctt 18
236 <210> SEQ ID NO: 20
237 <211> LENGTH: 18
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: LNA oligonucleotide
244 <400> SEQUENCE: 20
245 tgcactaagg ttacagt 18
247 <210> SEQ ID NO: 21
248 <211> LENGTH: 42
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: oligonucleotide probe
255 <400> SEQUENCE: 21
256 ggatttcct tcgtttttgg gtttttctct tggaaagaaa gt 42
258 <210> SEQ ID NO: 22
259 <211> LENGTH: 41
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: oligonucleotide probe
266 <400> SEQUENCE: 22

```

RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,950

TIME: 09:06:43

Input Set : A:\28261000003seq1st.txt

Output Set: N:\CRF4\03252005\J527950.raw

```

267 caatccttgg caccctggt tttttctctt ggaaagaaag t 41
269 <210> SEQ ID NO: 23
270 <211> LENGTH: 47
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: oligonucleotide probe
277 <400> SEQUENCE: 23
278 agtctctctt tctgactttt cttctttttt tctcttgga agaaagt 47
280 <210> SEQ ID NO: 24
281 <211> LENGTH: 40
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: oligonucleotide probe
288 <400> SEQUENCE: 24
289 tcttccctgg gtaatggcat ttttctcttg gaaagaaagt 40
291 <210> SEQ ID NO: 25
292 <211> LENGTH: 44
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: oligonucleotide probe
299 <400> SEQUENCE: 25
300 ccattgtag ccagctgtat tgctttttct cttggaaaga aagi 44
302 <210> SEQ ID NO: 26
303 <211> LENGTH: 39
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: oligonucleotide probe
310 <400> SEQUENCE: 26
311 ccggctgagt ggcagctgtt tttctcttgg aaagaaagt 39
314 <210> SEQ ID NO: 27
315 <211> LENGTH: 40
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: oligonucleotide probe
322 <400> SEQUENCE: 27
323 gcctgaggca gcttgaacat ttttctcttg gaaagaaagt 40
325 <210> SEQ ID NO: 28
326 <211> LENGTH: 41
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: oligonucleotide probe
333 <400> SEQUENCE: 28
334 tgctgcttct tcagcaggct tttttctctt ggaaagaaag t 41

```

VERIFICATION SUMMARY

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,950

TIME: 09:06:44

Input Set : A:\28261000003seq1st.txt

Output Set: N:\CRF4\03252005\J527950.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date